

Application No.: 10/067047

Case No.: 57147US002

B. Amendments to Claims

The claims are unamended in this paper. A listing of the claims is set forth below.

1. (original) A foam adhesive article, comprising:

A polymeric foam material having an outer surface, the outer surface of the polymeric foam material having adhesive properties; and

Fibrous reinforcing material dispersed within the polymeric foam material, the fibrous reinforcing material imparting stretch release properties to the article.

2. (original) The foam adhesive article of claim 1 wherein the foam article has a foam split strength greater than about 1.76 kN/m (10 lbs/inch), a Shore A hardness less than about 60, and a 90 degree adhesion to glass or stainless steel of greater than about 1.76 kN/m (10 lbs/inch).

3. (original) The foam adhesive article of claim 1 further comprising a tab.

4. (original) The foam adhesive article of claim 1 wherein the polymeric foam material is a sheet and the outer surface comprises a first major surface and a second major surface, an adhesive layer disposed on at least a portion of one of the first major surface or second major surface to provide the adhesive properties.

5. (original) The foam adhesive article of claim 2 wherein a first adhesive layer is disposed on at least a portion of the first major surface and a second adhesive layer is disposed on at least a portion of the second major surface.

6. (original) The foam adhesive article of claim 1 wherein the fibrous reinforcing material comprises substantially continuous viscoelastic fibers having a yield strength and a tensile break strength, and wherein the tensile break strength is about 0.7 MPa or greater, and at least about 150% of the yield strength.

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7. (original) The foam adhesive article of claim 1 wherein the fibrous reinforcing material comprises substantially continuous elastic fibers having greater than about 50% recovery after being elongated 100%.
8. (original) The foam adhesive article of claim 1 wherein the fibrous reinforcing material has an elongation of at least about 200%.
9. (original) The foam adhesive article of claim 1 wherein the fibrous reinforcing material comprises at least one fiber having a diameter of less than about 5 micrometers.
10. (original) The foam adhesive article of claim 1 wherein the fibrous reinforcing material comprise elastic microfibers comprising thermoplastic elastomers.
11. (original) The foam adhesive article of claim 1 wherein the fibrous reinforcing material comprise viscoelastic microfibers comprising a copolymer of polyoctene and ethylene.
12. (original) The foam adhesive article of claim 1 further comprising a plurality of expandable polymeric microspheres.
13. (original) The foam adhesive article according to claim 1 wherein the polymeric foam material comprises material selected from the group consisting of elastomers, rubbers, thermoplastic elastomers, rubber based and acrylic adhesives, polyolefin polymers, acrylate polymers and methacrylate polymers, acrylate and methacrylate copolymers, and combinations thereof.
14. (original) The foam adhesive article of claim 1 wherein the polymeric foam material is a pressure sensitive adhesive.
15. (original) The foam adhesive article of claim 1 further comprising a pressure sensitive adhesive associated with the outer surface, the adhesive comprising material selected from the group consisting of acrylic polymers, polyurethanes, thermoplastic elastomers,

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block copolymers, polyolefins, silicones, rubber based adhesives, a copolymer of ethylhexyl acrylate and acrylic acid, a copolymer of isooctyl acrylate and acrylic acid, a blend of an acrylic adhesive and rubber based adhesive, and combinations of the foregoing.

16. (original) A method for preparing a foam adhesive article, comprising:
 - (a) melt mixing a foamable polymer composition, a foaming agent, and a fiber forming resin to form an expandable extrudable composition; and
 - (b) extruding the expandable extrudable composition through a die to provide a foam adhesive article according to claim 1.
17. (original) The method according to claim 16 wherein the foaming agent comprises a plurality of expandable microspheres, a chemical blowing agent, a high pressure injectable gas, or combinations thereof.
18. (original) A method according to claim 16, further comprising (c) applying an adhesive onto at least a portion of the outer surface of the foam.
19. (original) A method according to claim 16, further comprising (d) exposing the expandable extrudable composition to radiation to crosslink the composition and provide the foam.
20. (original) A method according to claim 16 wherein the fiber forming resins comprise homopolymers, copolymers, terpolymers, and tetrapolymers of materials selected from the group consisting of ethylene, propylene, butene, pentene, hexene, heptene, octene, nonene, decene, vinyl acetate, acrylates, methacrylates, thermoplastic elastomers, and combinations of the foregoing.
21. (original) The article of claim 1 in the form of a tape having a Shore A hardness of less than about 60, a tensile break strength of at least about 150% of the yield strength of the tape, an elongation at break of greater than about 200%, and is constructed to stretch release from between a pair of rigid panels.